

20020417.qrp v02_n528.qrl.20020417

Date: Wed, 17 Apr 2002 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2528

QRP-L Digest 2528

Topics covered in this issue include:

- 1) [124918] Re: Magnification for Soldering
by "John J. McDonough" <wb8rcr@arrl.net>
- 2) [124919] Re: Home page
by "Brian Murrey" <brian@iquest.net>
- 3) [124920] Re: Mobile Antennas
by "tmyers" <tmyers@AcademicPlanet.com>
- 4) [124921] Maps
by nilsbull@juno.com
- 5) [124922] Re: Home Page
by <jfox6@houston.rr.com>
- 6) [124923] Re: Mobile Antennas
by "Brice D. Hornback" <bdh@cyberbound.net>
- 7) [124924] Mag loop (was home page)
by "Dave" <wr3i@earthlink.net>
- 8) [124925] Re: Mobile Antennas
by "tmyers" <tmyers@AcademicPlanet.com>
- 9) [124926] Mobile antennas
by "Vincent A. Santis" <vsantis@earthlink.net>
- 10) [124927] HELLO! Another 2002 FIDM Announcement
by "Tom Dooley" <tdooley@attbi.com>
- 11) [124928] Re: Heathkit Question
by RLucch2098@aol.com
- 12) [124929] Re: [TenTec] cone Antenna PHOTO of how to wind them
by "Mark Erbaugh" <mark@microenh.com>
- 13) [124930] More FT-817 DX!!! :-)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 14) [124931] Re: Heathkit Question
by Vance Huntsinger <vhuntsinger@iwiw.net>
- 15) [124932] Mag Loop and MFJ Analyzer (was Home page)
by Steve Yates <aa5tb@arrl.net>
- 16) [124933] Re: [fpqrp] OT: ExpressPCB User Group
by "Ian C. Purdie" <ianpurdie@integritynet.com.au>
- 17) [124934] Russian Parts
by "Brian Murrey" <brian@iquest.net>
- 18) [124935] Re: SIERRA owners only!
by VE3JC - John C <jbcumming@wwdc.com>
- 19) [124936] Re: Mag Loop and MFJ Analyzer (was Home page)

- by Pete Burbank <plburbank@kih.net>
- 20) [124937] Re: [TenTec] cone Antenna PHOTO of how to wind them which band?
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 21) [124938] ARRL good about badly printed book replacements.
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 22) [124939] Running Antenna Modeling Programs on AutoPilot
by Dan Maguire <bethdan@pacbell.net>
- 23) [124940] Re: Russian Parts
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [124941] Re: Mobile Antennas
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [124942] Price reduced F.S. MFJ QRP Tuner
by "Joe W2KJ" <w2kj@earthlink.net>
- 26) [124943] Re: Small loop efficiency Was: cone Antenna PHOTO
by Alex <kr1st@amsat.org>
- 27) [124944] Re: Russian Parts
by Jake Brodsky <frussle@erols.com>
- 28) [124945] Re: Alas, it is time for contest logging software
by "Rod N0RC" <rod@n0rc.com>
- 29) [124946] Re: Russian Parts
by Mighty Mik <mightymik2@attbi.com>
- 30) [124947] Re: Russian Parts
by "Mike Yetsko" <myetsko@insydesw.com>
- 31) [124948] web sites addresses
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 32) [124949] Doublet antenna
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 33) [124950] Re: [TenTec] Followup - Jupiter Overheating
by "Ham" <KD5NWA@mbayona.com>
- 34) [124951] Re: Mobile Antennas
by Donn Kuse <casey.jay@gte.net>
- 35) [124952] Re: Portable Power Station Question
by "Alex Turner" <aturner13@triad.rr.com>
- 36) [124953] Mobile antennas - SCREWDRIVER!!!
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 37) [124954] Heathkit Question Thanks
by "wd7y@pyramid.net" <wd7y@pyramid.net>
- 38) [124955] QRP antennas
by Mercxx@aol.com
- 39) [124956] OT(?): Have we lost "The Basics"?
by "Patrick Cummins" <pcummins@misnet.com>
- 40) [124957] CW Audio Filter?
by "Lee, Jimmy" <Jimmy.Lee@bartow.k12.ga.us>
- 41) [124958] re: test
by "johngabbard" <johngabbard@usintouch.com>
- 42) [124959] "The Basics"?
by "Karl Kanalz" <kkanalz@gcecispc.com>
- 43) [124960] Inbound Solar Flare (Here comes the sun!)

by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
44) [124961] Re: OT(?): Have we lost "The Basics"?
by "Karl F. Larsen" <k5di@zianet.com>
45) [124962] Space WX
by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
46) [124963] Fw: Portable Power Station Question
by "Walt Amos" <k8cv@netzero.net>
47) [124964] RE: OT(?): Have we lost "The Basics"?
by "Kurt Kiesow \ (Home\)" <kurt@kiesows.com>
48) [124965] KY QRP CLUB - Special Event April 20
by Jim Stafford <w4qo@amsat.org>
49) [124966] RE: OT(?): Have we lost "The Basics"?
by "Bill & Linda Milligan" <milligan@charter.net>
50) [124967] ARRL Beacons
by "Karl F. Larsen" <k5di@zianet.com>
51) [124968] Tuning cap; mechanical question
by Alex <kr1st@amsat.org>
52) [124969] Re: OT(?): Have we lost "The Basics"?
by "Trevor Jacobs" <fxtech@earthlink.net>
53) [124970] Re: OT(?): Have we lost "The Basics"?
by "W2WU" <w2wurjj@verizon.net>
54) [124971] Re: OT(?): Have we lost "The Basics"?
by Tom Feeny <tfeeny@comcast.net>
55) [124972] Re: CW Audio Filter?
by <igeq100@iupui.edu>
56) [124973] Re: [TenTec] cone Antenna PHOTO of how to wind them which band?
by "Stuart Rohre" <rohre@arlut.utexas.edu>
57) [124974] Circuit for an audio filter - in old QST review of T-T by Demaw
by Brien Pepperdine <pepperb@gov.on.ca>
58) [124975] Re: Tuning cap; mechanical question
by "M.J.Powell" <mike@pickmere.demon.co.uk>
59) [124976] [OP] 4/18 and World Peace
by Kenneth Hoglund <hoglund@wfu.edu>
60) [124977] SMT Parts Source Needed
by <fxtech@earthlink.net>
61) [124978] Definitely NOT QRP!
by "Conant, Paul" <paul.conant@lmco.com>
62) [124979] Forsale Small Wonders 40
by Mercxx@aol.com
63) [124980] Re: [TenTec] cone Antenna PHOTO of how to wind them which band?
by IamSF5@aol.com
64) [124981] RE: [TenTec] cone Antenna PHOTO of how to wind them which band?
by Mark Danner <MarkD@mfwfwi.org>
65) [124982] NEQRP SSB Net ? question
by "Dave" <wr3i@earthlink.net>
66) [124983] Link to QRPDUPE
by Mercxx@aol.com
67) [124984] QRPDUPE

by Mercxx@aol.com

Date: Tue, 16 Apr 2002 19:03:21 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124918] Re: Magnification for Soldering
Message-ID: <029701c1e59a\$e9727040\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Tayloe Dan-P26412" <Dan.Tayloe@motorola.com>
Subject: Re: Magnification for Soldering

> Yes indeed, I also feel like a real nerd running around the
> house with the Mageyes pushed up on my forehead!

And you make it sound like this is somehow a bad thing!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 16 Apr 2002 18:37:40 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <kkanalz@gcecispc.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124919] Re: Home page
Message-ID: <006001c1e59f\$b3f2d040\$b5532bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

WWW is not mandatory...

see <http://troop120.indylinux.org>

My scout troop page has never used WWW in the URL title.

----- Original Message -----

From: "Karl Kanalz" <kkanalz@gcecispc.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, April 16, 2002 2:21 PM

Subject: RE: Home page

> When using Internet Explorer (Ver 6.0) on my ISP, the "www." part
is

> mandatory, Dick. The browser automatically adds the http:// part,
so that's

> a help, but I can't escape the need for www.

>

> Have your whiz-kid daughter stop by and I'll demonstrate for her.
Maybe she

> can put a "fix" on my computer!

>

> Karl K - W8TIF

> McKinney, Texas

> -----Original Message-----

> From: Richard Brummer, K2JQ

> Sent: Tuesday, April 16, 2002 2:00 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Home page

>

> I don't have a technical explanation for it, but my web designer
daughter

> tells me that the use of "www" is not mandatory. So, for this
example,

> http://qrp.pops.net and http://www.qrp.pops.net should work equally
well.

>

> Try it with addresses that you know.

>

> 73

> Dick K2JQ

> -----Original Message-----

> From: Ray Goff <radioham@gmx.co.uk>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Date: Tuesday, April 16, 2002 12:26 PM

> Subject: RE: Home page

>

>

> >Hi,

> >

> >The problem is that the URL is qrp.pops.net and does not have the
www in

> >front of it...

>
>
>
>
>
>

Date: Tue, 16 Apr 2002 18:41:15 -0500
From: "tmyers" <tmyers@AcademicPlanet.com>
To: <casey.jay@gte.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124920] Re: Mobile Antennas
Message-ID: <001401c1e5a0\$34ea8f80\$0100a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Forgot to mention earlier, the three magnet mount for a ham stick also flexes the metal a good bit. I took mine off the roof for that reason. I had a friend break the roof on his truck that way and I did not want to repeat it.

KQ5U, Terry
Spring, Texas

----- Original Message -----

From: Donn Kuse <casey.jay@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 13:35
Subject: Mobile Antennas

> Hi all,
> I need some recommendations for a good mobile antenna and mount to use
> with my K1 (20/40M). Also have a question on the mag mounts. Are
> any
> of them made that don't scratch the surface of a vehicle? Do the mag
> mounts provide a half way decent ground? Last mag mount I used was
> around 1978 on a 2meter antenna.
> Also looking for a decent small portable antenna. Is the MP-1 a good
> choice?
> Antenna to be used with a 2000 Chevy S-10 truck. Thanks in advance

for
> your help.
> 72/73 Donn, WB4ZWT
> 67 and still learning
> K1 #754
>

Date: Tue, 16 Apr 2002 19:32:39 -0400
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [124921] Maps
Message-ID: <20020416.193952.-598517.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Y'all,

The other day I decided to clean up the mess in the radio room & finish putting the desk that I'd bought surplus in there among the clutter. So I took 12 paper grocery bags full of books to the half-price/buy-back book store & got \$70 for 'em. Most of 'em out of date academia, linguistics stuff &c.

This opened up a big chonk of wall space, one of those places where I can now hang something in a big aluminum channel frame.

Like a map.

Anybody got hints on where I can get one of those big maps of the planet with all the callsign areas & such on 'em? Like 21.75X28 inches? Like Kenwood I think it was used to hand out at the Hamvention? Heck, I'll take one from anywhere.

The ARRL mop is polar projection, which I ain't too keen about. That's why I'm asking, see?

73

Nils

Nils R. Bull Young -- El Gringo Errante --
La Estancia de los Guajolotes Sonrientes -- W8IJN --
<http://w8ijn.tripod.com>
"The island is closer than your memories are." -- Ian G. Bull Young, 11

Feb 2002

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<http://dl.www.juno.com/get/web/>.

Date: Tue, 16 Apr 2002 18:54:15 -0500

From: <jfox6@houston.rr.com>

To: "QRP" <qrp-1@lehigh.edu>

Subject: [124922] Re: Home Page

Message-ID: <003c01c1e5a2\$075d4420\$9902a8c0@houston.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I am sorry to inform you guys, but the MFJ antenna analyzer does work with Mag Loops. I use it all of the time to spot frequencies for operation.

Foxy

jfox6@houston.rr.com

<http://www.qsl.net/w5hir>

Date: Tue, 16 Apr 2002 19:00:02 -0500

From: "Brice D. Hornback" <bdh@cyberbound.net>

To: tmyers@AcademicPlanet.com,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [124923] Re: Mobile Antennas

Message-ID: <001901c1e5a2\$d3b80640\$6501a8c0@lwrnce01.in.comcast.net>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

I had a 10-meter Ham Stick mounted to the luggage rack of my '86 Blazer for a while. I got tired of it hitting trees (never hurt the antenna... they are very strong) so I removed it and replaced it with a cut down CB antenna. That does me no good on the other bands though. I've seen the 3/8" license plate mount. Does anyone have any experience with that? There isn't really a good place on the bumper to mount it as it's a bit rounded and I'm afraid if I drill a hole in it I wouldn't get it straight. Besides... I usually have to drill at least two holes to get it right anyway. (Measure once...

cut twice... ooops.)

Also... as for the mag mount flexing the roof... would a spring help with that? I know the Ham Stick doesn't need it (as it's very strong and durable) but would that help reduce stress on the roof?

73/72/71! de Brice KA8MAV
QRPP International Radio Club
<http://www.QRPP-I.com>

----- Original Message -----

From: "tmyers" <tmyers@AcademicPlanet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 6:41 PM
Subject: Re: Mobile Antennas

> Forgot to mention earlier, the three magnet mount for a ham stick also
> flexes the metal a good bit. I took mine off the roof for that reason.
> I had a friend break the roof on his truck that way and I did not want
> to repeat it.

>
> KQ5U, Terry
> Spring, Texas

> ----- Original Message -----

> From: Donn Kuse <casey.jay@gte.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Tuesday, April 16, 2002 13:35
> Subject: Mobile Antennas

>
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> > your help.
> > 72/73 Donn, WB4ZWT
> > 67 and still learning

> > K1 #754
> >
>

Date: Tue, 16 Apr 2002 20:04:23 -0400
From: "Dave" <wr3i@earthlink.net>
To: jfox6@houston.rr.com,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124924] Mag loop (was home page)
Message-ID: <3CBC83C7.22474.78FA9E@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hey Foxy

 Dont be sorry that's good news! Now I just have to find out
how!

Thanks

Dave

WR3I

Date: Tue, 16 Apr 2002 19:08:55 -0500
From: "tmyers" <tmyers@AcademicPlanet.com>
To: <bdh@cyberbound.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124925] Re: Mobile Antennas
Message-ID: <007201c1e5a4\$127d8de0\$0100a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

He was using a spring. I don't know which would be better. The spring
may make it worse by increasing the vibration.

----- Original Message -----

From: Brice D. Hornback <bdh@cyberbound.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 19:00
Subject: Re: Mobile Antennas

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> a while. I got tired of it hitting trees (never hurt the antenna...
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> QRPp International Radio Club
> <http://www.QRPp-I.com>
>
>
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> From: "tmyers" <tmyers@AcademicPlanet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, April 16, 2002 6:41 PM
> Subject: Re: Mobile Antennas
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> > KQ5U, Terry
> > Spring, Texas
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> > ----- Original Message -----
> > From: Donn Kuse <casey.jay@gte.net>
> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > Sent: Tuesday, April 16, 2002 13:35
> > Subject: Mobile Antennas
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> > > K1 #754
> > >
> >
> >
>

Date: Tue, 16 Apr 2002 20:38:55 -0400
From: "Vincent A. Santis" <vsantis@earthlink.net>
To: "QRP List (E-mail)" <qrp-1@lehigh.edu>
Subject: [124926] Mobile antennas
Message-ID: <01C1E586.D2A21320.vsantis@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi,

I've used a license plate mount with Hamsticks for a couple of years now on my Volvo wagon. It works great virtually plug and play.

Vince Santis,N1VS
Winsted, CT
NEQRP # 598
PRP-L # 2372
FISTS# 8053
CC # 1161

Date: Tue, 16 Apr 2002 21:27:29 -0400
From: "Tom Dooley" <tdooley@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124927] HELLO! Another 2002 FDIM Announcement
Message-ID: <062601c1e5af\$0aa7ef60\$e24e3842@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Now that the other great QRP get togethers are done, it's time to focus us all on the "really big sheow", the 2002 FDIM!

Can you believe that we are just over 4 weeks from FDIM! Please read the announcement below to refresh your thirst for QRP nectar. The registration list is current on the QRP-ARCI web page through the registrations received by Saturday, April 13, 2002. I already have 8 more snail mail letters and 2 PayPal registrations signing up for the seminar and banquet since then, so be sure to get on the list by either paying by mail or PayPal (see below for registration information).

With the Seminar, Building Day Event, the Vendor Night, the Banquet and the Building Contests, what more can we do in four days?!?! Oh yea, how about 4 evenings of socials, bantering and operating! Come on, guys and gals! Can you stand to enjoy yourself? If so, then be sure to sign up and join us for the fun!

Oh, I almost forgot an additional benefit to attending FDIM. There is a hamfest of sorts at the Hara Arena that you might find time to visit while at FDIM. I believe that it's called the Dayton Hamvention and draws about 30,000 fellow hams, so it should be pretty interesting to attend also. I plan to visit the Hamvention and highly recommend it!

Go to the QRP-ARCI web page for more information and be sure to get signed up. Slots are filling fast!

72 es 73 ya'll!

Tom
K4TJD

----- Original Message -----

From: "Tom Dooley" <tdooley@atl.mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 12, 2002 21:23 PM
Subject: 2002 FDIM Announcement

FDIM Announcement de K4TJD. I will be the Chair of this year's FDIM, trying to slightly fill the large shoes left by Ken, W4DU. He did a great job the last several years, and I hope that I can continue on the tradition. I will certainly give it a go!

Please mark your calendars and make your arrangements to attend the QRP premier event of the year, the Four Days in May (FDIM), scheduled for May 16, 17, 18 and 19, 2002 in conjunction with the Dayton Hamvention. For a more detailed explanation of this year's event and a view of the several past FDIM events, please visit the QRP ARCI web site @ <http://www.qrparci.org/> and click on the FDIM-Dayton link. The 2002 FDIM information will be up on the web site soon. Last year, over 300 QRP enthusiasts participated in the FDIM 2001 event. Make sure that YOU are part of FDIM 2002!

Whether you come for the full four days or stop by for a FREE evening of fun, shopping, or checking out the contest entries, we would like to see you. Prizes will abound. The format will not change appreciably from prior years. Tickets for any paid function/item - Banquet (\$25), Seminar (\$15) - may be ordered from Tom Dooley, K4TJD, 4942 Dock Court, Norcross, GA 30092, USA. Please include your email address.

Another even more convenient way to pay is to use PayPal on the QRP ARCI web site @ <http://www.qrparci.org/>.

For those who are not familiar with the FDIM event, this event starts one day in advance of the three day Dayton Hamvention. This is the reason for the name, FDIM, as we add a fourth day to the Dayton event to provide a special day just for QRP seminars and get together/socials. The FDIM activities do not conflict with any of the daytime Dayton Hamvention events, while providing QRPers two additional evenings of QRP vendor displays, QRP building/design & display events, a special QRP banquet and opportunities to

meet many of the our fellow QRP enthusiasts face to face. You gotta come and feel the power of QRP!

Registration: All registration information is on the QRP ARCI web site @ <http://www.qrparci.org/>. For your convenience, QRP-ARCI accepts payment through PayPal!

A brief description of the activities is as follows:

Thursday, all day - QRP Seminars - Registration is \$15

On Thursday, from 8:00 AM until 4:30 PM, seven distinguished guest speakers will be presenting great talks that you will not want to miss. Your registration fee provides entrance to the seminar, coffee, and a copy of the proceedings. The proceedings is the printed copy of the talks that you will hear so you can make notes and review the material anytime you want in the future. Additional copies of the proceedings will be available for sale for \$15.

We may have some additional activities after the seminars (can you say oo?), so please check back at the QRP ARCI web site @ <http://www.qrparci.org/>. Naturally, we will have the meet the authors social on Thursday night, starting at 7:00 PM.

Friday night - Club/Vendor Night - FREE!

On Friday night (and on other nights optionally), clubs and vendors will be set up in the MAIN ballroom. This is a mini-hamfest in itself. This year, the Flying Pigs QRP Club International is hosting the Club/Vendor night. Please contact Diz, W8DIZ @ w8diz@fpqrp.com for signing up as a club or vendor. Since the Flying Pigs are world renoun for fun and food, stand by for future announcements!

We traditionally have between 15 and 20 vendors at this event. Clubs are encouraged to set up a table to promote their club, sell their "toys", and especially to carry on the tradition set by the Cheezeheads of Wisconsin - providing munchies/hor doerves/etc. Anyone desiring a table for this event which should run from 8:30 to 11 PM Friday should advise W8DIZ ASAP. If you are a vendor or a club and wish to set up at a table on other nights, that's fine too. Just find a table and pitch your tent.

Saturday night - QRP Banquet - \$25

The QRP Recognition banquet will again be held on Saturday night, beginning at 7 PM. This is a full course meal and the price is \$25.00. The highlight of the banquet will be the induction of new members into the QRP ARCI Hall of Fame. The speaker this year is yet to be named. You can count on this - there will be the usual "load" of door prizes. To view the list of who has

signed up for the banquet, go to our Registrant List.

Contests - FREE!

FDIM 2002 will have the traditional contests for homebrew and kits. We will be posting additional information soon on these events.

Hotel: The official motel for all QRP activities is the Ramada Inn Dayton Mall which was previously the Days Inn South Dayton. Send email to our room coordinator, Hank Kohl, K8DD, QRP_Dayton@hotmail.com, if you want to be on the list. The rate is \$74 plus taxes, which is very competitive for Dayton on this weekend of the year.

Even more details!

Overview (to print out for your tracking):

Thursday - May 16, 2002:

QRP Symposium: 8:00 AM until 4:30 PM - Contribution \$15.00

We are getting some great offers for presentations, so please check back often at the QRP ARCI web site @ <http://www.qrparci.org/> for the list of presenters and topics and other up to date announcements.

Thursday Evening - May 16, 2002:

Author Social: 7:00 PM until 11:00 PM - No Charge

A chance to meet and talk with the QRP Symposium Speakers.

Friday Evening - May 17, 2002:

Vendor Social, starting at 8:30PM - No Charge

This evening is set up to allow the QRP vendors to display, demonstrate and discuss their products and latest offerings with YOU, their target audience. You get a better chance to talk to the Vendors without the other 29,000 Amateur Radio Enthusiasts! The Flying Pigs QRP Club International is the host this year, so come ready for a fun evening!

Saturday Evening - May 18, 2002:

QRP ARCI Awards Banquet - 7:00 PM to 9:00 PM - \$25.00 per ticket

The annual QRP ARCI Awards Banquet honors QRPers who have made major contributions to QRP and Amateur Radio. We will have a special speaker and announce the winners of the various "build it contests". We will hand out fabulous quality and quantity of door prizes as well as have lots of fun!

Later Saturday Evening - May 18, 2002:

Displays PLUS the Radio Show: 9:00 PM (after the Banquet) until ??? - No Charge

This provides QRPers time to socialize and view the displays of the Building and Design contest entries and winners. Plus, you can display and show off your projects and collections at the Radio Show!

For the latest on the building and design contests, please visit the QRP ARCI web site. <http://www.qrparci.org/>

Whew, can you believe the amount of activities planned? If you have been before, you know that you must come again. If you have not made it to FDI in the past, this is a "Have to Attend" type of event. You will not be disappointed. Please continue to monitor QRP-L, QRP-F and the QRP ARCI web site @ <http://www.qrparci.org/> for additional updates and details.

Please contact me at K4TJD@arrl.net if you have any questions.

73
Tom
K4TJD

Date: Tue, 16 Apr 2002 21:27:17 EDT
From: RLucch2098@aol.com
To: qrp-l@lehigh.edu
Subject: [124928] Re: Heathkit Question
Message-ID: <190.589d65d.29ee2975@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/16/02 10:01:10 AM Pacific Daylight Time, vhuntsinger@iwic.net writes:

<< Subj: Re: Heathkit Question
Date: 4/16/02 10:01:10 AM Pacific Daylight Time
From: vhuntsinger@iwic.net (Vance Huntsinger)
Sender: owner-qrp-l@Lehigh.EDU
Reply-to: vhuntsinger@iwic.net
To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)

Ed,

If it's the Heathkit Model HD-20, it uses a 9-volt battery.

Vance, WA9YDJ >>

I think it originally used an Early type of 9vdc battery with a connection on either end. Most fellas replaced the Battery connector with the standard type we use today!

Thanks es 73....Rich WA2RQY (1961)

WA2RQY's "confusion Radio" Web-Page

[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)

RLUCCH2098@aol.com

"Keep those heaters on"

Date: Tue, 16 Apr 2002 21:29:12 -0400
From: "Mark Erbaugh" <mark@microenh.com>
To: "Stuart Rohre" <rohre@arlut.utexas.edu>, <qrp-l@Lehigh.EDU>, <AQRP@yahooogroups.com>, <k5gp@texas.net>, <tentec@contesting.com>
Subject: [124929] Re: [TenTec] cone Antenna PHOTO of how to wind them
Message-ID: <002501c1e5af\$50674ff0\$0e00000a@p1600>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

But how well does it work?

Date: Tue, 16 Apr 2002 20:56:42 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124930] More FT-817 DX!!! :-)
Message-ID: <200204170156.AA01276@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Gang,

I just (0146Z) worked R1ANC, Alex, in Antarctica on 21.012 with the FT-817 DX machine, running 5W to my HF-2V vertical! :-)
Wooooo hooooo!!!!!!! :-) He's still there, and has good ears. Go get him! :-)

72/73,

Todd, AG0T

Date: Tue, 16 Apr 2002 21:08:26 -0500
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124931] Re: Heathkit Question
Message-ID: <4.2.0.58.20020416210105.00a8b2e0@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Rich,

You're right--I had forgotten. I acquired mine used when I was a novice in the 60's and it had the old-type battery. I soon replaced the connectors with the present-day type. I was using my venerable Knight-Kit R55A for receiving, and I considered plus or minus 100 KHz to be high precision!

Vance-WA9YDJ

At 09:27 PM 4/16/2002 -0400, RLucch2098@aol.com wrote:
>I think it originally used an Early type of 9vdc battery with a connection on
>either end. Most fellas replaced the Battery connector with the standard type
>we use today!

Date: Tue, 16 Apr 2002 21:13:41 -0500
From: Steve Yates <aa5tb@arrl.net>
To: QRP-L Distribute <qrp-1@Lehigh.EDU>
Subject: [124932] Mag Loop and MFJ Analyzer (was Home page)
Message-ID: <000301c1e5b5\$7fa75ac0\$a80ed840@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Ray, WR3I wrote:

"I have noticed this before that the MFJ doesn't work for loops????"

Sure it does Ray. I use my MFJ Antenna Analyzer with my magnetic loops all of the time. Because of the very high Q though the reflected power will be maximum just about everywhere except at resonance and this is what is probably causing your problems. This fact makes tuning for maximum receiver

noise the best method for initial tuning as you have mentioned.

Steve Yates - AA5TB

aa5tb@arrl.net
Fort Worth, TX - Grid EM12hu
<http://www.qsl.net/aa5tb/>
<http://www.qsl.net/aa5tb/loop.html>

Date: Wed, 17 Apr 2002 12:22:19 +1000
From: "Ian C. Purdie" <ianpurdie@integritynet.com.au>
To: unlisted-recipients;; (no To-header on input)
Cc: qrp-l@Lehigh.EDU, fpqrp-l@mpna.com
Subject: [124933] Re: [fpqrp] OT: ExpressPCB User Group
Message-ID: <3CBCDC5B.14584B0A@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

w8diz wrote:

> Is there a user group for www.expresspcb.com?
> If not, how about starting one? I can use all
> the help I can get from experienced users.

Why not? If you need hosting for it just ask...

72/73's

Ian C. Purdie
Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
Bookshop:
<http://www.electronics-tutorials.com/book-shop.htm>

Date: Tue, 16 Apr 2002 21:40:19 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [124934] Russian Parts

Message-ID: <000901c1e5b9\$37a3d9c0\$7b372bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

I've been on the look out for some cheap metal 2222's and came across a guy that's got a few thousand Russian (MEV) made parts.

I have never used any Russian made parts in anything and I am, of course, skeptical of their quality.

Have any of you used them to any extent? If so, did you find the quality to be acceptable?

I've seen the T018 2N2222A selling anywhere from 39 cents to 30 cents at various places. Which still seems high to me.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Tue, 16 Apr 2002 22:51:23 -0400
From: VE3JC - John C <jbcumming@wwdc.com>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [124935] Re: SIERRA owners only!
Message-ID: <3CBCE32B.58D99356@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Alan,

Funny you should ask about this - I've been working on a tuner battery-pack combo to match my Sierra, in rather a round-about fashion. It started with an MFJ-971 tuner purchased years ago for a good price.

Altho I have a ZM-2 as well, I couldn't part with the 971 (with its nice cross needle meter, 4:1 balun, and multiple ranges).

So I figured if I was going to hang on to it, I might as well make it more "useful". A front mounted tuner bypass switch (leaving the meter circuit in line) was the first mod. Then I began to think about the room "under the hood" on top of the meter circuit board, and the power jack on the rear, which is there only for the meter back light. With a few minor configuration changes (changing the mounting screw and ground point for the 4:1 transformer) I have room for a 10 AA battery pack inside the 971, feeding the rear jack. A coaxial power jumper from the 971's internal pack then powers the Sierra.

Altho not an exact case match, the Sierra and the 971 are pretty much the same size, and the 971 is not all that much bigger than a ZM2. I'm putting together some photos and a short article for an upcoming edition of the Sojourner. But in the meantime if you need further details, just ask.

There are probably lighter and more compact solutions, but for those "one day" hikes, I figure this adds field versatility to a fairly readily available tuner.

72, John VE3JC

ARDUJENSKI@aol.com wrote:

>

> I am interested in building a combination tuner and battery pack for my
> SIERRA and wanted to see if anyone has already plowed this ground?
> Alan KB7MBI in Woodinville, WA
> FISTS 5702 Proud member of ARRL

Date: Tue, 16 Apr 2002 23:21:34 -0400

From: Pete Burbank <plburbank@kih.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [124936] Re: Mag Loop and MFJ Analyzer (was Home page)

Message-ID: <5.0.2.1.0.20020416230808.00a72ec0@KIH.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Right as usual Steve. My MFJ works aok on mag loops too and useful to set my gamma match.

I never have to use it after that as the proper frequency is readily apparent by the tremendous rush of signals and noise floor increase as the remote drive brings it on frequency. My second mag loop and works great plus you get a bonus extra tuned

circuit for receiving.

73

Pete NV4V

At 09:13 PM 4/16/2002 -0500, Steve Yates wrote:

>Ray, WR3I wrote:

>

>"I have noticed this before that the MFJ doesn't work for loops????"

>

>Sure it does Ray. I use my MFJ Antenna Analyzer with my magnetic loops all
>of the time. Because of the very high Q though the reflected power will be
>maximum just about everywhere except at resonance and this is what is
>probably causing your problems. This fact makes tuning for maximum receiver
>noise the best method for initial tuning as you have mentioned.

>

>Steve Yates - AA5TB

>

>aa5tb@arrl.net

>Fort Worth, TX - Grid EM12hu

><http://www.qsl.net/aa5tb/>

><http://www.qsl.net/aa5tb/loop.html>

Date: Wed, 17 Apr 2002 00:33:55 -0500

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: "LORONA,AL \ (A-USA,ex3\)" <al_lorona@agilent.com>,
<qrp-l@Lehigh.EDU>, <tentec@contesting.com>

Subject: [124937] Re: [TenTec] cone Antenna PHOTO of how to wind them which band?

Message-ID: <005a01c1e5d1\$94f5b220\$4e100a0a@rohredt2000>

Al,

It is somewhat unconventional to all of us used to single wire antennas.
That is why it works better than the Isotron, the EH, or the other small
antenna ideas that do not contain full resonant lengths of conductors.

Steve chose to build his first prototype in the photo for 20m, as I
understand it. The same size cone can be used for 20m or 10m, just the
parallel folded line(s) you construct has to be greater than a half dipole
quarter wave for the band of choice. But for a given length of parallel
line, you get one band. The bandwidth between 3:1 SWR points is very flat
and is a good 10 per cent of the frequency, quite good among small antennas.

The ten meter model uses four of these folded monopoles spirally around the cone. This photo shows a ONE folded monopole for ease of understanding. Four gets you above 90 per cent efficiency. One can be as good as 60 per cent.

A small loop (MFJ) may be only 10 per cent efficient. But with good propagation, 10 per cent can work a lot of the world, and 60 per cent a lot more, and 90 plus per cent is just below the old dipole at 94 plus per cent or so, give or take for its construction.

73,

Stuart K5KVH

Date: Wed, 17 Apr 2002 01:54:07 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [124938] ARRL good about badly printed book replacements.
Message-ID: <018701c1e5dc\$aba2e5f0\$4e100a0a@rohredt2000>

I have had good service by just calling publications dept. at ARRL when one volume of several of Antenna Compendium I bought had missing pages.

They were very nice and promptly sent me a new copy without me having to send back the old one.

72,

Stuart K5KVH

Date: Wed, 17 Apr 2002 00:11:13 -0700
From: Dan Maguire <bethdan@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [124939] Running Antenna Modeling Programs on AutoPilot
Message-ID: <001601c1e5df\$0fdd17a0\$e59daa40@bethdan>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

MultiNEC is a new Excel application that can make multiple simulation runs of an antenna model while automatically changing one or more aspects of the model between runs. You can change the model in a variety of ways, choose from a variety of calculating engines, and view the results in a variety of formats.

The model can be automatically changed between runs in several ways. The simplest is to just use a different frequency for each test case, equivalent to a normal frequency sweep. You can also specify that one or more wires in the model are to be rotated, moved, scaled, or have a different segmentation level between runs. You can change the parameters of sources, loads, and transmission lines, such as the position of a source along a wire or the resistance value for a load. Finally, MultiNEC contains a complete modeling by equation facility. You can create the model using Excel spreadsheets and then instruct the program to change the geometry or other aspects of the model in any way that can be specified using Excel formulas. All these changes may be made automatically without the need for any manual intervention between simulation runs.

You have several choices as to the calculating engine that will be used for the simulations. If you have either standard EZNEC or EZNEC Pro you may use the NEC-2 and NEC-4 engines that are included in those packages. If you have NEC-Win Plus+, NEC-Win Pro, or GNEC you may use the engines from those as well. You may also use the public domain NEC-2 engine that is bundled with MultiNEC.

The simulation results are available in tabular format or in several different plot formats, including a far field polar plot, three standard rectangular plots, and a custom rectangular plot on which you may choose any desired X and Y axes. The polar plot can be used to play back the radiation patterns for the test cases as an animation. The custom plot can show a regression analysis curve and matching equation for the plotted points.

In addition to the "multi-run" capability, MultiNEC is also "multi-lingual." You can import existing antenna models that are in EZNEC binary format (.ez), NEC "deck" format (typically .nec or .inp), or MMANA format (.maa). Once the model has been imported you may run it on any of the available engines. For example, you can import an EZNEC binary format model and run it using public domain NEC-2. Or you could import a nec file and then use EZNEC as the calculating engine. Since MultiNEC can produce output files in either .ez or .nec format, you can use the program as a translator between file types.

More details and a free download file may be found at www.qsl.net/ac6la. Requires Excel 97 or later.

73,
Dan
AC6LA

Date: Wed, 17 Apr 2002 05:53:59 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>
To: Brian Murrey <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [124940] Re: Russian Parts
Message-ID: <Pine.LNX.4.44.0204170549180.1707-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Brian, I know nothing about the Russian part. But if you can buy 5 for evaluation you can pretty quick tell if they are good. Look in the ARRL Handbook for ways to check a transistor. Then you need a radio like the 2n2/40 where you can sub in the Russian metal 2222 and see if they can make the same level of power as the US made part. If all this is good then they are worth buying.

On Tue, 16 Apr 2002, Brian Murrey wrote:

> Hi gang,
>
> I've been on the look out for some cheap metal 2222's and came across
> a guy that's got a few thousand Russian (MEV) made parts.
>
> I have never used any Russian made parts in anything and I am, of
> course, skeptical of their quality.
>
> Have any of you used them to any extent? If so, did you find the
> quality to be acceptable?
>
> I've seen the T018 2N2222A selling anywhere from 39 cents to 30 cents
> at various places. Which still seems high to me.
>
> =====
> KB9BVN/QRP - New Whiteland IN - EM69WN
> QRP-ARCI #10223 QRP-L #1540 FIST #5695
> FISTS CC #764 - Proud Member ARRL
> HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
> INTO INFAMOUS AF4PS ATTIC DIPOLE
> SOC #400 AND FLYING PIGS QRP #-57
> =====
>
>
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 17 Apr 2002 06:05:29 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Brice D. Hornback" <bdh@cyberbound.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [124941] Re: Mobile Antennas
Message-ID: <Pine.LNX.4.44.0204170601510.1707-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang, I run my set of Hamstiks from a Radio Shack spring mounted on the top of my pickup camper shell that's the highest thing on the truck. The spring helps the whole thing survive a tree hit. I live in a large desert so there are few trees.

This rig has been working for about 5 years.

On Tue, 16 Apr 2002, Brice D. Hornback wrote:

> I had a 10-meter Ham Stick mounted to the luggage rack of my '86 Blazer for
> a while. I got tired of it hitting trees (never hurt the antenna... they
> are very strong) so I removed it and replaced it with a cut down CB antenna.
> That does me no good on the other bands though. I've seen the 3/8" license
> plate mount. Does anyone have any experience with that? There isn't really
> a good place on the bumper to mount it as it's a bit rounded and I'm afraid
> if I drill a hole in it I wouldn't get it straight. Besides... I usually
> have to drill at least two holes to get it right anyway. (Measure once...
> cut twice... ooops.)

>
> Also... as for the mag mount flexing the roof... would a spring help with
> that? I know the Ham Stick doesn't need it (as it's very strong and
> durable) but would that help reduce stress on the roof?

>
> 73/72/71! de Brice KA8MAV
> QRPp International Radio Club
> <http://www.QRPp-I.com>

>
>

> ----- Original Message -----
> From: "tmyers" <tmyers@AcademicPlanet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, April 16, 2002 6:41 PM

> Subject: Re: Mobile Antennas
>
>
> > Forgot to mention earlier, the three magnet mount for a ham stick also
> > flexes the metal a good bit. I took mine off the roof for that reason.
> > I had a friend break the roof on his truck that way and I did not want
> > to repeat it.
> >
> > KQ5U, Terry
> > Spring, Texas
> >
> >
> > ----- Original Message -----
> > From: Donn Kuse <casey.jay@gte.net>
> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > Sent: Tuesday, April 16, 2002 13:35
> > Subject: Mobile Antennas
> >
> >
> > > Hi all,
> > > I need some recommendations for a good mobile antenna and mount to use
> > > with my K1 (20/40M). Also have a question on the mag mounts. Are
> > > any
> > > of them made that don't scratch the surface of a vehicle? Do the mag
> > > mounts provide a half way decent ground? Last mag mount I used was
> > > around 1978 on a 2meter antenna.
> > > Also looking for a decent small portable antenna. Is the MP-1 a good
> > > choice?
> > > Antenna to be used with a 2000 Chevy S-10 truck. Thanks in advance
> > for
> > > your help.
> > > 72/73 Donn, WB4ZWT
> > > 67 and still learning
> > > K1 #754
> > >
> >
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 17 Apr 2002 08:05:19 -0400
From: "Joe W2KJ" <w2kj@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [124942] Price reduced F.S. MFJ QRP Tuner
Message-ID: <002f01c1e608\$25e0c960\$9234323f@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Howdy Gang:

REDUCED PRICE

> I have an MFJ-971 QRP (or 200W) antenna tuner that is excess
> to my needs and is looking for a new home.
>
> The unit is in excellent condition (no scratches, dings,
> dents) and comes with the manual. Will ship for \$65.
>
> 72, Joe W2KJ (North Carolina)
> I QRP, therefore I am
>

Date: Wed, 17 Apr 2002 08:08:12 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [124943] Re: Small loop efficiency Was: cone Antenna PHOTO
Message-ID: <3CBD65AC.96E3A273@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Actually, a small transmitting loop (magnetic loop) of the approximate size of the MFJ loop is 95% efficient at 28 MHz and 60% at 14 MHz, give or take a few percent.

You'd only approach 10% on 40 meters if you wouldn't change the dimensions of the loop or if the construction seriously compromised. The performance of the SMT is not nearly as bad as you depict in your message.

73s,

--Alex

Stuart Rohre wrote:

> A small loop (MFJ) may be only 10 per cent efficient. But with good
> propagation, 10 per cent can work a lot of the world, and 60 per cent a lot
> more, and 90 plus per cent is just below the old dipole at 94 plus per cent
> or so, give or take for its construction.
> 73,
> Stuart K5KVH

Date: Wed, 17 Apr 2002 08:14:47 -0400
From: Jake Brodsky <frussle@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124944] Re: Russian Parts
Message-ID: <2ipqbuolofecg8e6p3ijamgs01b684srjc@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

"Making power" doesn't completely characterize the device. There are
issues such as Ft, Noise figure at various frequencies, break-down
voltages and so forth. =20

This looks like a crap shoot to me. If nobody has any experience
dealing with this manufacturer the best I can suggest is to just try
it and see what you think. Personally, I don't understand what all
the fuss is about the T0-18 case...

73,

Jake Brodsky, <mailto:frussle@erols.com>
"Nearly fifty percent of all graduates came from=20
the bottom half of the class."

Date: Wed, 17 Apr 2002 06:50:08 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: <rod@n0rc.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124945] Re: Alas, it is time for contest logging software
Message-ID: <011a01c1e60e\$686ed870\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all,

Too many to emails to respond to individually, please accept this post as a personal thank you if you did respond.

No doubt some of my wants/needs are idealist: ...on touch button does it all, calc score, email it... etc.; intuitive use...etc. No doubt. Full function software that is easy to learn and use (superior ergonomics) is difficult to achieve. (One program I use for general logging comes close, XMLLOG, www.xmllog.com) I realize I'll have to make compromise, and am willing to do so. But I'll never stop pursuing the ideal (or optimal), in this matter or any endeavor I undertake.

But I digress... YPLOG and Writelog drew positive comments. Prior to posting my query, I read several reviews of many programs on eHam: www.eham.com. (I also went to the websites of these programs, and others, to study the product features) These two programs caught my attention and seemed to fulfill many/most of my wants. I'm still not clear how well they can handle scoring for the popular QRP events. So, I will start dialogs with the authors (and users) of at least these two. These programs offer the full rig control I desire and seem to handle the K2.

For now I'll likely use QRP-DUPE, it satisfies the ease-of-use/intuitive criteria.

73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 8:38 AM
Subject: Alas, it is time for contest logging software

> Folks,

>

> I'm in the process of transcribing my ARCI QSO party log and
> calculating my score. I don't want to have to do this ever again,
> painfully slow. So it's time to get some good software and learn how
> to use it. Here are my requirements/wants:

Date: Wed, 17 Apr 2002 06:23:47 -0700
From: Mighty Mik <mightymik2@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124946] Re: Russian Parts
Message-ID: <5.1.0.14.0.20020417062154.00b3f9a0@mail.attbi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I don't know about their transistors, but I just bought some 6N1Ps from a source, and they look just as good as any other tube.

At 09:40 PM 4/16/2002 -0500, you wrote:

>Hi gang,
>
>I've been on the look out for some cheap metal 2222's and came across
>a guy that's got a few thousand Russian (MEV) made parts.
>
>I have never used any Russian made parts in anything and I am, of
>course, skeptical of their quality.
>
>Have any of you used them to any extent? If so, did you find the
>quality to be acceptable?
>
>I've seen the T018 2N2222A selling anywhere from 39 cents to 30 cents
>at various places. Which still seems high to me.
>
>=====

- > KB9BVN/QRP - New Whiteland IN - EM69WN
- > QRP-ARCI #10223 QRP-L #1540 FIST #5695
- > FISTS CC #764 - Proud Member ARRL
- > HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
- > INTO INFAMOUS AF4PS ATTIC DIPOLE
- > SOC #400 AND FLYING PIGS QRP #-57

>=====

Date: Wed, 17 Apr 2002 09:52:43 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124947] Re: Russian Parts
Message-ID: <003301c1e617\$27780d60\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

>From what I've heard from a few people, the Russian tubes, at least the ones they've bought, are getting a reputation for being conservative 'brute force' devices. Not elegant, but tough. What you want in a tube I guess.

Hey, if the price is right, I'd try them!

Date: Wed, 17 Apr 2002 09:57:46 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-1@lehigh.edu>
Subject: [124948] web sites addresses
Message-ID: <6579C6377F475547985F0B3E426E1626140506@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

>From my place here both work just fine.
So I am not sure what the requirement is but=20
it seems in some cases it works fine with either
www added or without. Probably has to do with=20
version of IE and updates, I am running the latest
version service packs here.

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3DQuote =
=3D=

Date: Tue, 16 Apr 2002 12:23:06 -0400
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <k2jq@rcn.com>

Subject: [124894] RE: Home page
Message-ID: <NFBBLDHALEHCJMAJPKFAEJKCPAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset=3D"Windows-1252"
Content-Transfer-Encoding: 7bit

Don't be too sure about it!!

I am running several domains where the `www.` is directed to a separate address. 'Back in the old days' of internet, before the 'web' got = popular, the 'www' prefix meant that was the 'machine' for the httpd services.

In fact, your `www` link below does NOT work!!

The TLD (top level domain) is controlled by the registrars (.net, .com, etc) and we purchase 'names' from them. If I bought bytemark.com for example, I can put any machine in that network and give it a name. A computer on the network called prometheus, would then have a 'fully qualified internet domain name' of prometheus.bytemark.com. Therefore, I might have a separate web server and domain controller, www.bytemark.com and bytemark.com, respectively.

Be careful where average practice appears to be a standard! (We've been through those conversations before, huh ...)

Tracy N4LGH

I don't have a technical explanation for it, but my web designer =
daughter
tells me that the use of "www" is not mandatory. So, for this example,
http://qrp.pops.net and http://www.qrp.pops.net should work equally =
well.

Try it with addresses that you know.

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3DEnd Quote =
=3D=

Marty Hartwell
AT&T Columbus Ohio
PH:614-501-2503

To: <tentec@contesting.com>
Sent: Wednesday, April 17, 2002 8:50 AM
Subject: [TenTec] Followup - Jupiter Overheating

> All,
>
> This is a follow-up to my original post of almost two weeks ago regarding
my
> new Jupiter overheating. After contacting TT last Monday (8 April) they
> advised me to send the radio back for repair. I sent the radio off on
> Tuesday, got an email from TT on Thursday confirming receipt and that it
was
> already on the bench. Got word on Friday that the problem was indeed a
> 'leaky transistor', that it had been replaced, the radio checked to make
> sure all other functions were OK, and that it was on it's way back to me.
> It arrived yesterday, spent 18 hours on continuous receive as a check and
> everything seems OK.
>
> A few points:
>
> 1. UPS had the radio longer than TT did. The fact that the radio went on
> the bench the day it arrived at TT, and the fact that both Scott and the
> service department kept me updated on the status of the repair, was both
> impressive and comforting. TT even offered to reimburse me for my
shipping
> charges.
>
> 2. From the time the radio 'broke' (early April) to the time I got it back
> yesterday, TT released a firmware update and Carl, N4PY, released an
update
> of his rig control software. I'm still waiting for Icom to release an
> update to my 2 year old HF rig! This is one of the big reasons I bought
> this radio.
>
> 3. Since the radio was virtually new when it went down, I'm still in the
> Jupiter learning/playing mode. The jury is still out on my ultimate
> satisfaction (I gotta' say, the fact that a nearly new radio had to be
> shipped back to the factory to be repaired dented my confidence in TT a
bit,
> but I do understand these things happen). While the Jupiter is definitely
a
> keeper, I'm not yet ready to sing it's unqualified praises.
>
> 4. What's a 'leaky transistor'? Sorry if this seems like a dumb question,
> but I'm a geographer, not an electrical engineer!
>
> 73!

> Brian
> W8BYH
>
> -----
> TenTec mailing list
> TenTec@contesting.com
> <http://lists.contesting.com/mailman/listinfo/tentec>

Date: Wed, 17 Apr 2002 11:03:06 -0400
From: Donn Kuse <casey.jay@gte.net>
To: elecrafft@mailman.qth.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [124951] Re: Mobile Antennas
Message-ID: <3CBD8EAA.D62ACCAF@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Want to thank everyone for their responses to my questions. Seems like most mobilers are using Hamsticks over the Hustler. Still undecided about the mount, bumper, license plate or Tenna Hitch (mounts on trailer hitch). Seems like the license plate mount has more bumper contact. Others were the Screwdriver, Texas Bug Catcher and Outbacker which are out of my price range.

For a small portable, seems like the MP-1 is a favorite. Most have added at least 2 additional radials for 40M or 20M. Looks like Force 12 makes a nice one, but way out of my price range..

Thanks again for your input. Hope it has helped others too.

72,73 Donn WB4ZWT

67 and still learning

Date: Wed, 17 Apr 2002 11:46:11 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: <w2agn@w2agn.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124952] Re: Portable Power Station Question
Message-ID: <008f01c1e626\$ffe49240\$68641f18@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had pretty much the same experience with the Portable Power Station as John. I bought a new battery from someone else and stripped everything out of the cabinet except the cigar light plugs. Now it's just a carrying case for a battery. Pretty disappointed with it.

Alex N4BYJ

----- Original Message -----

From: "John L. Sielke" <w2agn@w2agn.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, April 16, 2002 9:18 AM

Subject: Re: Portable Power Station Question

>

> Mine died, too. The only SLA battery I've had do that. I was going to replace

> the battery, but then I found good old Rat...er, I mean RADIO Shack had their

> portable power station on closeout for \$29.95. 7 Ah battery, just like the

> other one, so I went that way.

>

> I wasn't pleased with the other one, anyway. When I got it, the voltmeter

> didn't work. I contacted the company, and they told me they would send me a

> new meter. Never did, never answered my emails again.

>

> -----

> John L Sielke W2AGN

Date: Wed, 17 Apr 2002 11:56:32 -0400 (EDT)

From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

To: qrp-l <qrp-l@lehigh.edu>

Subject: [124953] Mobile antennas - SCREWDRIVER!!!

Message-ID: <Pine.LNX.4.44.0204171152500.3055-100000@w3eax.umd.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Indeed, scratching occurs no matter what you put between the magnets and the paint. Different materials create different patterns, that's all. Sand, dust, etc., just find a way to get ground into the paint.

(from experience)

As for antennas, I have tried Hustlers, Outbackers, Hamsticks, plain-old whips, and (finally) a Screwdriver, which consistently outperforms any of the others tested AND can be tuned while you're driving down the road.

Let me just say that, properly installed, the performance increase (esp. on 30/40/80) over any other mobile antenna out there is substantial. Possibly a bug-catcher would do better, but you have to stop to change bands (stop, get out, change tap) so I would still have to go for the Screwdriver-style of unit.

Plan on using a heavy-duty mount...but it's worth it.

Mine has required virtually no maintenance in the 4 years it's been up.

Scott

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 17 Apr 2002 09:00:17 -0700
From: "wd7y@pyramid.net" <wd7y@pyramid.net>
To: QRP-L Members Talk <qrp-l@lehigh.edu>
Subject: [124954] Heathkit Question Thanks
Message-ID: <B8E2EA21.7AC0%wd7y@pyramid.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

For all who responded to my question
about the crystal calibrator HD-20
thanks for all your support
Ed WD7Y

Date: Wed, 17 Apr 2002 12:27:06 -0400
From: Mercxx@aol.com
To: QRP-L@lehigh.edu
Subject: [124955] QRP antennas

Message-ID: <0FA72F97.1DEC5735.0004E6AB@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Good afternoon,

I know that this question has been asked many times but I would like to ask it for myself. I am soon to be going to a class in PA for about a month. While there I will be living in a hotel. While the weekend will offer some opportunities for QRP activities, I was wondering about indoor antennas that I could use. Any and all opinions welcome. Thanks and have a great day.

73

Steve N4TKP

Date: Wed, 17 Apr 2002 11:39:06 -0500
From: "Patrick Cummins" <pcummins@misnet.com>
To: <fpqrp-1@mpna.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [124956] OT(?): Have we lost "The Basics"?
Message-ID: <000001c1e62e\$97a14fe0\$79d194d0@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi y'all:

While reading the May issue of QST I came across the letter by W.A.Brown, KG4AQH in the correspondence section. And I must say that it did get my attention and started me thinking (What a change). I was wondering if any one out there knows of a book that does cover the basics of Amateur Radio Electronics. I am not looking for anything that is real complex, just something that uses basic High School math (Algebra and Trig). Please don't say "The Handbook", or "Understanding Basic Electronics" or "Solid State Design". I have them and they are not what I am looking for. What I want is something like the AMECO book that I used in 1960. Something that covers the basics of circuits and devices and does not have pretensions of being an engineering level book. You know something for the new ham or want to be ham, to study.

So if you know of one please let me know. If one is not available what I may try to do is write one. Gives me something to do and perhaps will help pass on some of my knowledge to new hams, and also help improve the technical ability of a few of them. (Notice that I said may try to write one, I know that it will not be an easy task.)

thanks and 72,73 and 00's

Patrick S. Cummins, W5PSC
pcummins@misnet.com

Date: Wed, 17 Apr 2002 12:43:04 -0400
From: "Lee, Jimmy" <Jimmy.Lee@bartow.k12.ga.us>
To: <qrp-l@lehigh.edu>
Subject: [124957] CW Audio Filter?
Message-ID: <4B0AF71313064D4FA2B931AB5DEA3ADDD33E9F@coexch2.bartow.k12.ga.us>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I would like to build an inexpensive cw audio filter to use with my
Wilderness Radio NC40A and Kenwood TS430S. Any suggestions?
I am a new qrper and just starting to build kits. First kit was the
NC40A and it is working.
Jim, AE4DT

Date: Wed, 17 Apr 2002 09:53:35 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: <qrp-l@lehigh.edu>
Subject: [124958] re: test
Message-ID: <006101c1e630\$6a9828a0\$cc811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

test message

Date: Wed, 17 Apr 2002 12:01:29 -0500
From: "Karl Kanalz" <kkanalz@gcecispc.com>
To: <pcummins@misnet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124959] "The Basics"?

Message-ID: <NFBBKOMEFGJGEBABODPOMEJICBAA.kkanalz@gcecispc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How much more "basic" than the ARRL Handbook's treatment of the "basics" of AC, DC and transmission-line theory can you get, Patrick?

Even *old* editions of "The Handbook" portray the "basics" of electronics and RF and are available at swapmeets for a fraction of the cost of a "new" ARRL Handbook! To me, the "Handbook" is a "bible" (so-to-speak) for learning electronics.

In fact, when I was studying for my ham license in 1953/54 with the Columbus (Ohio) Amateur Radio Club, that was the text they *insisted* we have as the "study guide" and was used to teach a class of about 30 wanna'-be hams. As I recall, we all passed our Novice Class license exams and later, our General Class tests (when you had to *draw* circuitry!).

If you can write and produce a better "basic" book on Amateur Radio Electronics, then more power to you, Patrick! If you get it on published paper, I promise I'll buy a copy... it will serve to augment my existing copies of the ARRL "Handbook" and the Editors & Engineers "Handbook".

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: Patrick Cummins
Sent: Wednesday, April 17, 2002 11:39 AM
To: Low Power Amateur Radio Discussion
Subject: OT(?): Have we lost "The Basics"?

Hi y'all:

While reading the May issue of QST I came across the letter by W.A.Brown, KG4AQH in the correspondence section. And I must say that it did get my attention and started me thinking (What a change). I was wondering if any one out there knows of a book that does cover the basics of Amateur Radio Electronics. I am not looking for anything that is real complex, just something that uses basic High School math (Algebra and Trig). Please don't say "The Handbook", or "Understanding Basic Electronics" or "Solid State Design". I have them and they are not what I am looking for. What I want is something like the AMECO book that I used in 1960. Something that covers the basics of circuits and devices and does not have pretensions of being an engineering level book. You know something for the new ham or want to be ham, to study.

So if you know of one please let me know. If one is not available what I may try to do is write one. Gives me something to do and perhaps will help pass on some of my knowledge to new hams, and also help improve the technical ability of a few of them. (Notice that I said may try to write one, I know that it will not be an easy task.)

thanks and 72,73 and 00's

Patrick S. Cummins, W5PSC
pcummins@misnet.com

Date: Wed, 17 Apr 2002 09:55:45 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [124960] Inbound Solar Flare (Here comes the sun!)
Message-ID: <0E40283AC63B084C93998F599C121768C77044@FSNUEX06.luke.af.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

News on an inbound blast at <http://spaceweather.com/>

Mike, N4VBV

Date: Wed, 17 Apr 2002 11:01:43 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Patrick Cummins <pcummins@misnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [124961] Re: OT(?): Have we lost "The Basics"?
Message-ID: <Pine.LNX.4.44.0204171050140.2624-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Patrick, I have an advanced degree in EE so basic is pretty basic to me and perhaps the ARRL Handbook is too advanced for a true Novice. But I think not. At least not all of this HUGE book is too advanced. I direct your attention to Chapter 4 of the 1996 book. It has a REAL basic treatment of math. Chapter 5 is DC Theory, done with extreme care and very easy to read. Chapter 6 is, you guessed it, AC Theory.

Chapter 7 is too difficult if you haven't done real GOOD on the earlier chapters. Chapter 6 is very long and a normal person will spend weeks getting through it.

So I advise against writing your own unless it gets you there with some magic way. The ARRL Handbook is used to train people wanting to work in the electronics field.

On Wed, 17 Apr 2002, Patrick Cummins wrote:

> Hi y'all:
>
> While reading the May issue of QST I came across the letter by
> W.A.Brown,KG4AQH in the correspondence section. And I must say that it did
> get my attention and started me thinking (What a change). I was wondering if
> any one out there knows of a book that does cover the basics of Amateur
> Radio Electronics. I am not looking for anything that is real complex, just
> something that uses basic High School math (Algebra and Trig). Please don't
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> technical ability of a few of them. (Notice that I said may try to write
> one, I know that it will not be an easy task.)
>
> thanks and 72,73 and 00's
>
> Patrick S. Cummins, W5PSC
> pcummins@misnet.com
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 17 Apr 2002 09:58:26 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [124962] Space WX
Message-ID: <0E40283AC63B084C93998F599C121768C77071@FSNUEX06.luke.af.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Real-time animated info at <http://www.sec.noaa.gov/SWN/>

Mike, N4VBV

Date: Wed, 17 Apr 2002 12:50:18 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "List Qrp-L" <qrp-l@lehigh.edu>
Subject: [124963] Fw: Portable Power Station Question
Message-ID: <002801c1e62f56e4320580253b41@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gee, mine has worked flawlessly for years now! I do keep it charged and have a new spare 7 amp battery for it but have not had to install the new battery yet. The old one is soldered in so it is not a plug and play fix to change batteries. I will be using it again this field day.

Walt K8CV Royal Oak, MI.

----- Original Message -----
From: "Alex Turner" <aturner13@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 17, 2002 11:46 AM
Subject: Re: Portable Power Station Question

> I had pretty much the same experience with the Portable Power Station as
> John. I bought a new battery from someone else and stripped everything
> out of the cabinet except the cigar light plugs. Now it's just a carrying
> case for a battery. Pretty disappointed with it.

>
> Alex N4BYJ

>
> ----- Original Message -----
> From: "John L. Sielke" <w2agn@w2agn.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, April 16, 2002 9:18 AM
> Subject: Re: Portable Power Station Question
> >
> > Mine died, too. The only SLA battery I've had do that. I was going to
> replace
> > the battery, but then I found good old Rat...er, I mean RADIO Shack had
> their
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> >
> > I wasn't pleased with the other one, anyway. When I got it, the
> voltmeter
> > didn't work. I contacted the company, and they told me they would send
> me a
> > new meter. Never did, never answered my emails again.
> >
> > -----
> > John L Sielke W2AGN
>
>
>
>

Date: Wed, 17 Apr 2002 10:00:59 -0700
From: "Kurt Kiesow \ (Home\)" <kurt@kiesows.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <pcummins@misnet.com>
Subject: [124964] RE: OT(?): Have we lost "The Basics"?
Message-ID: <BCEMLKJBANJPFPOHBEMKGECKDKAA.kurt@kiesows.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Patrick & the group:

I found a nice book at Radio Shack that may fit the ticket: "Basic Communications Electronics", 220 pages. The publisher is Master Publishing, Lincolnwood Illinois. RS part number: 62-1336.

The math is straight forward. It is a follow-up book for "Basic Electronics" from the same publisher. Here's the Table of Contents:

1. Basic Communications Systems
2. Analog System Functions
3. A Refresher
4. Amplifiers & Oscillators
5. Modulation
6. Mixing & Heterodyning
7. transmitters
8. Receiving - Including Detection
9. Transmission Links
10. Analog Integrated Circuits
11. Digital Signal Processing

I hope this helps,
kk

Kurt A.F. Kiesow III
KF6QNC
Fists #7231 -- QRP-L #2127
ARS #1064 -- ARCI #10956
K2 #823 -- K1 #10

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Patrick Cummins
Sent: Wednesday, April 17, 2002 09:39
To: Low Power Amateur Radio Discussion
Subject: OT(?): Have we lost "The Basics"?

Hi y'all:

While reading the May issue of QST I came across the letter by W.A.Brown, KG4AQH in the correspondence section. And I must say that it did get my attention and started me thinking (What a change). I was wondering if any one out there knows of a book that does cover the basics of Amateur Radio Electronics. I am not looking for anything that is real complex, just something that uses basic High School math (Algebra and Trig). Please don't say "The Handbook", or "Understanding Basic Electronics" or "Solid State Design". I have them and they are not what I am looking for. What I want is something like the AMECO book that I used in 1960. Something that covers the basics of circuits and devices and does not have pretensions of being an engineering level book. You know something for the new ham or want to be ham, to study.

So if you know of one please let me know. If one is not available what I may try to do is write one. Gives me something to do and perhaps will help

pass on some of my knowledge to new hams, and also help improve the technical ability of a few of them. (Notice that I said may try to write one, I know that it will not be an easy task.)

thanks and 72,73 and 00's

Patrick S. Cummins, W5PSC
pcummins@misnet.com

Date: Wed, 17 Apr 2002 13:03:14 -0400
From: Jim Stafford <w4qo@amsat.org>
To: qrp-l list <qrp-l@lehigh.edu>
Cc: lou.berry@verizon.net
Subject: [124965] KY QRP CLUB - Special Event April 20
Message-ID: <3CBDAAD1.AC0EB774@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is a note from the KY Club:

The ky.qrp club # 10657 will have a special event station at scoutworld 2002
april 20.2002 we will be in the general portions ssb cw psk 31 qsl via the
club trustee ag4lb

Date: Wed, 17 Apr 2002 12:03:18 -0500
From: "Bill & Linda Milligan" <milligan@charter.net>
To: <pcummins@misnet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124966] RE: OT(?): Have we lost "The Basics"?
Message-ID: <001401c1e631\$c59978c0\$0100a8c0@milligan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Some years ago the ARRL put out a book I think was called "Understanding

Amateur Radio" and it was great. It explained theory on a much lower level than the Handbook.=20

Not long ago I wanted to read up on LED diodes and looked in my new Handbook and was rather disappointed for as big as that monster is. I'll be looking forward to your book... good luck

The Milligan's
milligan@charter.net
=A0=20

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Patrick Cummins
Sent: Wednesday, April 17, 2002 11:39 AM
To: Low Power Amateur Radio Discussion
Subject: OT(?): Have we lost "The Basics"?

Hi y'all:

While reading the May issue of QST I came across the letter by W.A.Brown,KG4AQH in the correspondence section. And I must say that it did get my attention and started me thinking (What a change). I was wondering if any one out there knows of a book that does cover the basics of Amateur Radio Electronics. I am not looking for anything that is real complex, just something that uses basic High School math (Algebra and Trig). Please don't say "The Handbook", or "Understanding Basic Electronics" or "Solid State Design". I have them and they are not what I am looking for. What I want is something like the AMECO book that I used in 1960. Something that covers the basics of circuits and devices and does not have pretentions of being an engineering level book. You know something for the new ham or want to be ham, to study.

So if you know of one please let me know. If one is not available what I may try to do is write one. Gives me something to do and perhaps will help pass on some of my knowledge to new hams, and also help improve the technical ability of a few of them. (Notice that I said may try to write

one, I know that it will not be an easy task.)

thanks and 72,73 and 00's

Patrick S. Cummins, W5PSC
pcummins@misnet.com

Date: Wed, 17 Apr 2002 11:11:15 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [124967] ARRL Beacons
Message-ID: <Pine.LNX.4.44.0204171102110.2624-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just got the paper on what when and where the ARRL transmissions are going to be sent. I was very unhappy.

The SSB and CW transmissions are fine, but the digital transmissions are all messed up. There is no PSK-31! This mode is so easy to get on that every day on 20,15 and 10 meters you hear and copy transmissions using it. A whole lot of stations in fact. And many are qrp operators.

PSK-31 is so good and the software is free and it works so well there is no reason for ARRL to not have the normal transmissions using this mode. If PSK-31 is too complex for the ARRL Staff, I plan to be in the area this summer on a job. I'll be glad to bring over my FT-817, home brew interface and laptop with Digipan on it and demo how far your transmissions can be heard with 5 watts to a GREAT Beam can go!

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 17 Apr 2002 13:22:08 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [124968] Tuning cap; mechanical question
Message-ID: <3CBDAF40.AA1F67F9@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

I replaced the tuning cap on my magnetic loop last week with a old Cardwell 4 gang type. I'm using two gangs in a split stator configuration. I'm now able to tune the 3 foot loop down to about 9500 kHz (and up to 29.3 MHz). That was not really why I changed out the capacitor, but it's a nice bonus to be able to get out on a extra band.

Anyway, I have a question about the reduction drive. This capacitor came with a worm gear drive if that's what it is called. (I apologize for not using the correct terms, my knowledge of the English language seriously lacks when it comes to mechanics :)) The toothed wheel on the capcitor axle consists actually of two toothed wheels. One wheel is attached to ther other with three springs.

The funny thing is that it seems as if the drive locks itself in the last position. I mean you can still rotate the tuning knob, but it's like there's a notch or indent on the last position it has stopped. When I first used it I thought something was wrong with the bearings, but they are fine, so I assume it's doing this intentionally?

Once the gear "locks" you have to turn the know at least 1/8 before the capacitor moves. Unfortunately I can't find any info on this capacitor, except for the patent, but it doesn't show the reduction gear.

Thanks and 73s,
--Alex (KR1ST)

Date: Wed, 17 Apr 2002 10:24:58 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <pcummins@misnet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124969] Re: OT(?): Have we lost "The Basics"?
Message-ID: <007201c1e634\$ccdce100\$119bb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Patrick and all,

One book that is very good at taking you through an actual radio design and explains it very well, is "The Electronics of Radio" by David B. Rutledge. It take you through the Norcal 40A transceiver and explains each section in good detail. It's kind of like the Elmer 101 course. It even comes with some software, and has the data sheets for the components printed in the back of the book. Some very basic electronics knowledge is probably needed prior to reading it, so it probably depends on how basic you want to go, but if you were looking for a book to explain the building blocks of a radio, then this one is great. I guess my only complaint with the handbook, is that it seems to take me forever to find the pertinent information that I'm looking for in it, and when I do, a lot of times it's just glossed over.

73's Trev KG6CYN

----- Original Message -----

From: Patrick Cummins <pcummins@misnet.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Wednesday, April 17, 2002 9:39 AM

Subject: OT(?): Have we lost "The Basics"?

> Hi y'all:

>

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> W.A.Brown,KG4AQH in the correspondence section. And I must say that it
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> one, I know that it will not be an easy task.)
>
> thanks and 72,73 and 00's
>
> Patrick S. Cummins, W5PSC
> pcummins@misnet.com
>
>

Date: Wed, 17 Apr 2002 13:51:00 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <fxtech@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124970] Re: OT(?): Have we lost "The Basics"?
Message-ID: <000701c1e638\$876fe960\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"Electronics for Radiomen", "Essentials of Electronics", "How to Solve Problems in Electricity & Electronics" Almost any transistor, tube manual. Try also your High School or Vocational Schools for elementary books. John Deere has a series of technical books, I know one deals with electronics (DC). Try your Public Library. Fairchild, Burr-Brown & others had a great series in the 60's. Books by Terman, Orr (his handbook gave some basics, decimals, powers of 10, etc.)

Seems you want short chapters with explanations / examples. I can't think of other books, but others might. read slowly ... The ARRL Handbook is a wealth of info. Suggest you Survey Question, Read, Review, Reread any material. This is known as the SQ3R system. Good luck & reading. 73, Ron W2WU

----- Original Message -----
From: Trevor Jacobs <fxtech@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: 17 April, 2002 13:24

Subject: Re: OT(?): Have we lost "The Basics"?

> Hi Patrick and all,

>

> One book that is very good at taking you through an actual radio design
> and explains it very well, is "The Electronics of Radio" by David B.
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> my only complaint with the handbook, is that it seems to take me forever
> to find the pertinent information that I'm looking for in it, and when I
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>

> 73's Trev KG6CYN

>

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> From: Patrick Cummins <pcummins@misnet.com>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Sent: Wednesday, April 17, 2002 9:39 AM

> Subject: OT(?): Have we lost "The Basics"?

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> > one, I know that it will not be an easy task.)
> >
> > thanks and 72,73 and 00's
> >
> > Patrick S. Cummins, W5PSC
> > pcummins@misnet.com
> >
> >
>
>

Date: Wed, 17 Apr 2002 13:59:35 -0400
From: Tom Feeny <tfeeny@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [124971] Re: OT(?): Have we lost "The Basics"?
Message-ID: <000401c1e639\$a4e240a0\$24553e44@waldlk01.mi.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> Some years ago the ARRL put out a book I think was
> called "Understanding Amateur Radio" and it was great.

It sure was. I had one in the early 60s when it first came
out. I recently picked up another copy at the Toledo swap
for a buck. It was written by George Grammer, W1DF,
longtime ARRL Technical Director (before DeMaw).
If you see one on someone's table, buy it.

regards,
Tom, W8K0X

Date: Wed, 17 Apr 2002 13:27:42 -0500 (EST)
From: <igeq100@iupui.edu>
To: "Lee, Jimmy" <Jimmy.Lee@bartow.k12.ga.us>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [124972] Re: CW Audio Filter?
Message-ID: <Pine.GS0.3.96.1020417132548.3720B-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Jim -

There is an inexpensive Vectronics CW filter kit that can be gotten from Radio Shack (from the web site) or from MFJ. It has three different selectivity positions and I have found it to work quite well. Quite easy to build, or to build into something.

Hope this helps.

Rich, WB9LPU

On Wed, 17 Apr 2002, Lee, Jimmy wrote:

> I would like to build an inexpensive cw audio filter to use with my
> Wilderness Radio NC40A and Kenwood TS430S. Any suggestions?
> I am a new qrper and just starting to build kits. First kit was the
> NC40A and it is working.
> Jim, AE4DT
>
>
>

Date: Wed, 17 Apr 2002 13:52:02 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <W8JI@contesting.com>,
"LORONA,AL AA-USA,ex3\" <al_lorona@agilent.com>,
Subject: [124973] Re: [TenTec] cone Antenna PHOTO of how to wind them which band?
Message-ID: <003f01c1e640\$f649c650\$4e100a0a@rohredt2000>

Well, I do not disagree that capture area is all important to great antennas. But for the condo owner with antenna restrictions, he is never going to see the antenna farms that Tom and I love to build of horizontal

Vee beams, rhombics, Double Extended Zepps, and giant loops.

This Cone antenna is for the patio or balcony of the apartment/ condo or deed restricted zero lot line homes. It is better than a no antenna, a mobile whip or other attempts to radiate in such a volume. Nothing more nor less than maintaining reasonable antenna efficiency in the face of the obstacles of modern living.

Stuart K5KVH

Date: Wed, 17 Apr 2002 14:55:21 -0400 (EDT)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: qrp-l@lehigh.edu
Subject: [124974] Circuit for an audio filter - in old QST review of T-T by Demaw
Message-ID: <Pine.OSF.4.05.10204171436500.2175-100000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Often someone wants to know about making an audio filter. I figured I'd give some info I have often sent privately.

Some time back Doug DeMaw reviewed the Ten-Tec Triton IV (model 544) and commented on the audio filter. Internally mounted, with the switches T-T usually provided (same thing for all intent is in the Argosy, OMNI C, Argonauts) for its rigs only 2 widths were available via the switch used on the rigs, though the filter actually has 4 widths with the 2 opamps used, so no problem adapting it via a complete switching arrangement and getting a couple more widths than 'standard'.

You can see the whole circuit schematic as DeMaw provides it in QST: July 1979, p. 46

I believe this is also in QRP Classics (ARRL) as describes as an add-on filter for a fellow's Yaesu (he needed a cw filter but did not want to cough up the money for the Yaesu xtal filter). So he copied the T-T filter in his other rig!

I have sent this info often off to persons lamenting they bought an Argonaut/Argosy/Triton etc. without a filter inside of it. Not to fret, here it is! Build it and the signals will come!
(by the way, this filter provided as standard and/or optional in things like the OMNI C and Argosy
is SO CLOSE to the performance of an xtal filter it almost makes the xtal

filter redundant! Honestly, to MY ears I cannot/hardly discern a detectable difference in use when heard against/compared to the xtal filter.)

A lot better than no filter and its 'mobile'!

I have yet to dissect my MFJ CWF-2 filter to prove this, but for all intent this T-T dual opamp filter design is same as/close enough to the MFJ/Vectronics/Ramsay audio filters sold commercially.

Brien Pepperdine Amateur Radio
Station VE3VAW
Toronto, Ontario Canada ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

-Information and comments herein are mine own and are separate and independent of the electronic information gateways, pathways and provider(s) utilized-

Date: Wed, 17 Apr 2002 19:41:55 +0100
From: "M.J.Powell" <mike@pickmere.demon.co.uk>
To: kr1st@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [124975] Re: Tuning cap; mechanical question
Message-ID: <7JPM4cAzHcv8EwXh@pickmere.demon.co.uk>
MIME-Version: 1.0

In message <3CBDAF40.AA1F67F9@amsat.org>, Alex <kr1st@amsat.org> writes
>Hi there,

>

>I replaced the tuning cap on my magnetic loop last week with a old
>Cardwell 4 gang type. I'm using two gangs in a split stator
>configuration. I'm now able to tune the 3 foot loop down to about 9500
>kHz (and up to 29.3 MHz). That was not really why I changed out the
>capacitor, but it's a nice bonus to be able to get out on a extra band.

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>Anyway, I have a question about the reduction drive. This capacitor came
>with a worm gear drive if that's what it is called. (I apologize for not
>using the correct terms, my knowledge of the English language seriously
>lacks when it comes to mechanics :)) The toothed wheel on the capcitor
>axle consists actually of two toothed wheels. One wheel is attached to
>ther other with three springs.

This is called a 'split gear'. It is used to prevent 'backlash', ie when you turn the knob and nothing happens for a while. The springs hold the two gears against both sides of the worm teeth so that there is no

freeplay in the system.

>

>The funny thing is that it seems as if the drive locks itself in the
>last position. I mean you can still rotate the tuning knob, but it's
>like there's a notch or indent on the last position it has stopped. When
>I first used it I thought something was wrong with the bearings, but
>they are fine, so I assume it's doing this intentionally?

>

>Once the gear "locks" you have to turn the knob at least 1/8 before the
>capacitor moves. Unfortunately I can't find any info on this capacitor,
>except for the patent, but it doesn't show the reduction gear.

It may well need cleaning, possibly some grease has solidified, stopping
the two gears from closing up on the worm teeth.

Mike

--

M.J.Powell

Date: Wed, 17 Apr 2002 15:39:09 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [124976] [OP] 4/18 and World Peace
Message-ID: <3CBDCF5D.3449065@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, a bit schmaltzy perhaps, but if we talk with each other we might get
away from demonizing each other. Maybe we won't achieve world peace, but
it can't hurt!

April 18th is designated World Amateur Radio Day. The International
Amateur Radio Union is encouraging all of us worldwide to run digital
operations on the 18th to highlight new technologies in amateur radio.

In this spirit, and to have cool computer displays of waterfalls to
elicit "ooohhhhs" and "aaahhhhs" from students, the Wake Forest
University Amateur Radio club will be running a demonstration station
from one of our main administration buildings. We'll be PSK31 around
14.070 from 1700-2000 UTC. We'll be using our club call, WF4DD.

I'll be manning the keyboard at first since I'm teaching a few of the
youngin's how this new technology works (it's fun to be ahead of my
students for once). While much of the time we'll be qro, I will
certainly be agitating to "turn it down" and we may go qrp for a

stretch. At any rate, we'll welcome any and all qso's, and I'll especially welcome comrades in low power.

So take some time on the 18th, think good thoughts, and share the magic of digital modes with your amateur friends around the world.

73

Ken KG4FGC

Faculty Advisor, WFU ARC

Date: Wed, 17 Apr 2002 13:26:36 -0700
From: <fxtech@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [124977] SMT Parts Source Needed
Message-ID: <Springmail.0994.1019075196.0.39972100@webmail.pas.earthlink.net>

Hi Gang,

Having a heck of a time trying to find a source for an 82pF chip cap in a 1206 package. Can anyone recommend a good vendor for SMT Caps? Digi-Key and Mouser don't stock it. Thanks a bunch in advance!

73's Trev KG6CYN

Date: Wed, 17 Apr 2002 15:22:39 -0600
From: "Conant, Paul" <paul.conant@lmco.com>
To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.edu>
Subject: [124978] Definitely NOT QRP!
Message-ID: <675067CF647BD4118DEA00508BE32AB407965EA4@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

My dad, W5GEH, passed away a couple of months ago. He had three (3) Svetlana 833C's stashed away, new in the box. I could use some suggestions how to ascertain their value and where to sell them. Please respond privately. 72.

Paul, WQ5X

Date: Wed, 17 Apr 2002 17:23:37 EDT
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [124979] Forsale Small Wonders 40
Message-ID: <60.1e7ca922.29ef41d9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good afternoon,

I have for sale a SW 40 built in a computer modem case. It has the RIT mod already done and a Tick 1 keyer on board. It was built by KB1GW. It is a sharp unit. I am asking 75.00 shipped anywhere in conus priority mail. Thanks for the time..

73
Steve N4TKP

Date: Wed, 17 Apr 2002 17:53:48 EDT
From: IamSF5@aol.com
To: rohre@arlut.utexas.edu, qrp-1@lehigh.edu
Subject: [124980] Re: [TenTec] cone Antenna PHOTO of how to wind them which band?
Message-ID: <13d.cee2702.29ef48ec@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/17/02 2:54:28 PM Eastern Daylight Time,
rohre@arlut.utexas.edu writes:

<<

This Cone antenna is for the patio or balcony of the apartment/ condo or deed restricted zero lot line homes. >>
Can someone please direct me to the site where the photo of this cone antenna is?
Thanks.
Bob
AF2Qrp <tm>

Date: Wed, 17 Apr 2002 15:34:23 -0700
From: Mark Danner <MarkD@mfwl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [124981] RE: [TenTec] cone Antenna PHOTO of how to wind them which band?

Message-ID: <572DBC2398CED211809C006008155124577A5E@POSTMASTER>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Possibly <http://www.coneantenna.com/>. Didn't catch the original post, but this one (check the Stealth link on the site) might be what is referenced.

Hope it helps.

Mark
AB7MP

-----Original Message-----

From: IamSF5@aol.com [mailto:IamSF5@aol.com]
Sent: Wednesday, April 17, 2002 2:54 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [TenTec] cone Antenna PHOTO of how to wind them which band?

In a message dated 4/17/02 2:54:28 PM Eastern Daylight Time,
rohre@arlut.utexas.edu writes:

<<

This Cone antenna is for the patio or balcony of the apartment/ condo or deed restricted zero lot line homes. >>

Can someone please direct me to the site where the photo of this cone antenna

is?

Thanks.

Bob

AF2Qrp <tm>

Date: Wed, 17 Apr 2002 18:37:23 -0400
From: "Dave" <wr3i@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [124982] NEQRP SSB Net ? question
Message-ID: <3CBDC0E3.4809.27FE13@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Do I have a lousy antenna or was the SSB net For the NEQrp missing last night.
I didn't hear a thing

Dave
WR3I

Date: Wed, 17 Apr 2002 18:49:47 EDT
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [124983] Link to QRPDUPE
Message-ID: <123.f48799f.29ef560b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good evening,
Could someone send me a link for Qrpdupe? Thanks in advance...

73
Steve N4TKP

Date: Wed, 17 Apr 2002 18:57:22 EDT
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [124984] QRPDUPE
Message-ID: <176.6ce3472.29ef57d2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Got the link. Thanks.

72
Steve
N4TKP

End of QRP-L Digest 2528

